

# Cloud Native AI Solution

: GPT based Business Email Platform

## Weekly Meeting



Team E

김요셉, 부도현, 임수민, 정미서

# { “INDEX” }

0. Intro

1. UI / UX

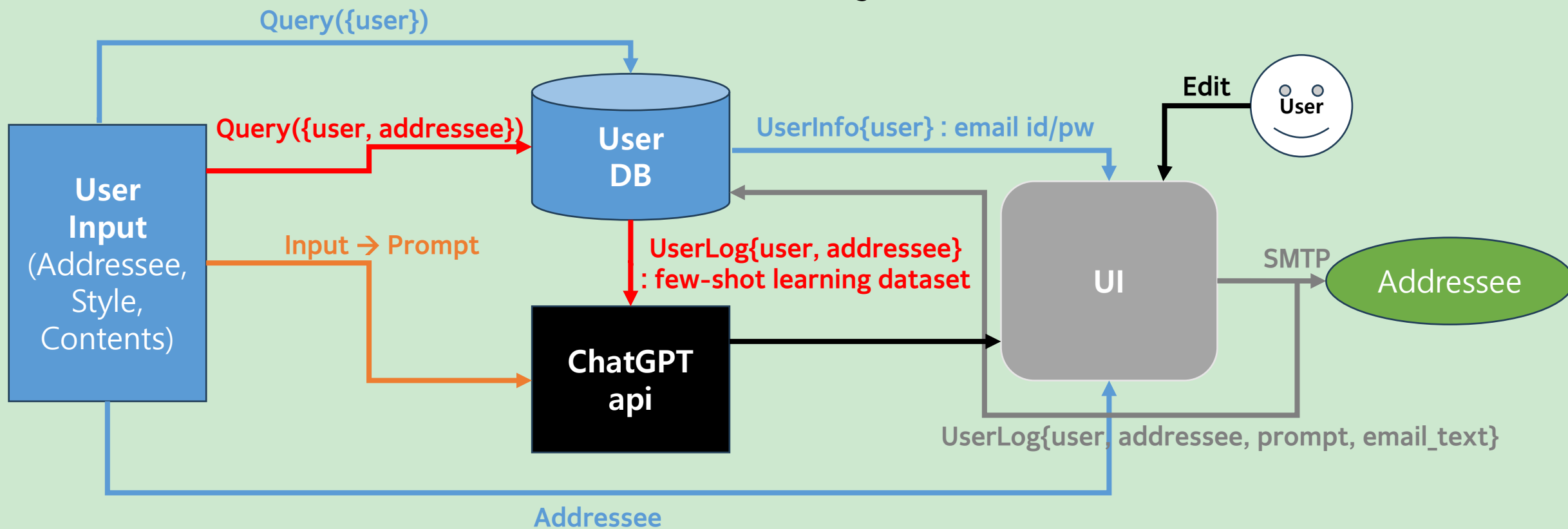
2. Research

3. Future Works

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# INTRO

## Send Email System





UI / UX

# UX Des





# Send Email System

# Simple & Fancy

## Receive Email System



Write-Home

메일을 전송해보세요.

이메일 내용 확인

The figure displays two mockups of a mobile application interface for email management.

**Mail List Screen (Left):** The header is "메일 목록 - 수신인별". Below the header is a search bar and a "수신인별" dropdown menu. The main content area is titled "메일 목록" and displays a list of emails. Each email entry includes a status icon (green for received, red for failed), a subject line (e.g., "Title: OOO Report..."), and a time stamp (e.g., "2023-01-01 10:00").

**Mail Detail Screen (Right):** The header is "수신 메일 확인 - 메일 클릭 시". The main content area shows the details of a selected email. It includes a status icon (green for received, red for failed), a subject line (e.g., "Title: OOO Report..."), and a time stamp (e.g., "2023-01-01 10:00"). The email body text is visible, showing a message from "obole company <mail.com>" to "james <james@mail.com>". The body text includes a warning: "A sign in attempt requires further verification because we did not recognize your device. To complete the sign in, enter the verification code on the unrecognized device." and a note: "The sign in attempt requires further verification because we did not recognize your device. To complete the sign in, enter the verification code on the unrecognized device. To complete the sign in, enter the verification code on the unrecognized device."



The image displays two side-by-side screenshots of a web application interface. The left screenshot shows a 'Read\_Home' page with a search bar, a list of items, and a '메일 목록을 확인하세요.' section. The right screenshot shows a 'Title: OOO Report ...' page with a search bar, a list of items, and a 'but... but...' section.

“Demo”



RESEARCH



# “Domain Adaptation”

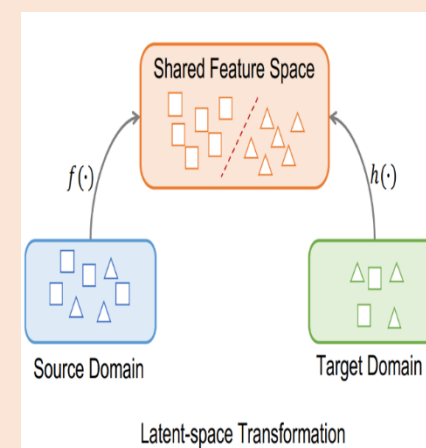
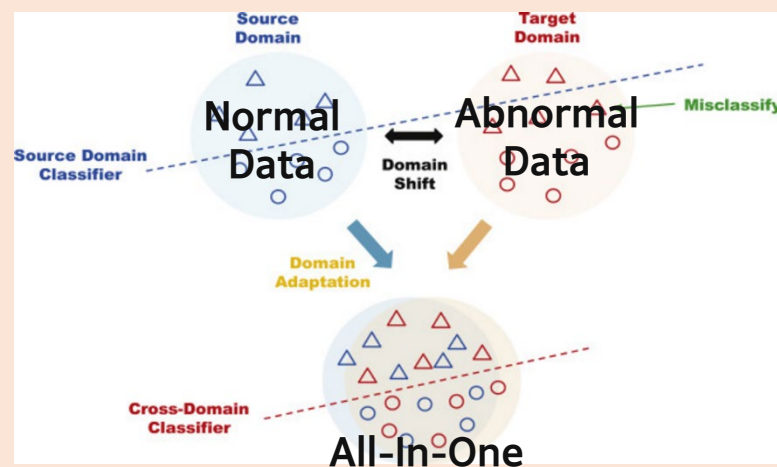
## Background

### “Tesla Accident Blamed on Solar Glare”



Self-driving Cars Malfunction Due to Weather

## So, What?

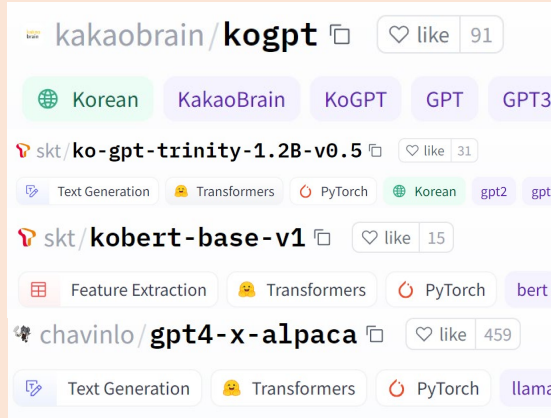
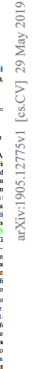




# in Ada

## Related Works

## Resources



## Source Datasets

### Pretrained Source Mode

DANN(left), G-SFDA(mid), d-SNE(right)

# “Domain Adaptation”

## Main Idea

Large Amount of Source Dataset

or

Pretrained Source Model

+

Small Amount of Target Dataset



Target Model

The background of the slide features a close-up, angled view of architectural blueprints resting on a laptop keyboard. The blueprints are technical drawings with various lines, circles, and text. Some visible text includes 'NORDEN' at the top, 'A' in the middle, and '5.20' at the bottom. The laptop keyboard is partially visible, showing keys like 'F12', 'F11', 'F10', 'F9', 'F8', 'F7', 'F6', 'F5', 'F4', 'F3', 'F2', 'F1', 'Esc', 'Tab', 'Caps Lock', 'Shift', 'Ctrl', 'Alt', 'Fn', 'Enter', 'Backspace', 'Delete', 'Insert', 'Home', 'End', 'Page Up', 'Page Down', 'Arrow keys', and 'Num Lock'. The overall color scheme is dark with blue highlights from the blueprints.

# FUTURE WORKS

# User Test & More Detail

## CI/CD

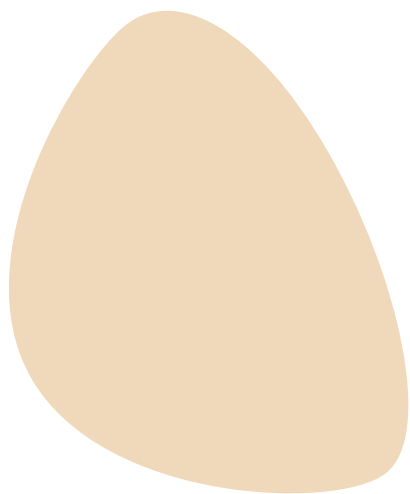
- Deployment
- User FeedBack

## Requirement Engineering

- Receive System
- Tagging System

## Apply DA method

- Summary System
  - (ChatGPT : High Latency
  - ➔ NLP inference : Low Latency)



# THANK YOU

김요셉, 부도현, 임수민, 정미서